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(REV. 8-83)U.S. DEPARTMENT OF COMMERCE
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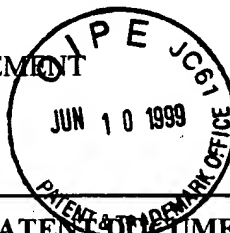
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APPLICANT

MARTIN H. GRAHAM

FILED

December 23, 1998

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U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
AMB	3 9 6 8 3 2 8	7/6/76	Tsuchiya et al.			
	4 3 3 7 4 5 7	6/29/82	Tache			
	4 4 1 0 8 7 7	10/18/83	Carasso et al.			
	4 6 1 7 5 5 3	10/14/86	Webster et al.			
	4 5 5 6 8 6 8	12/3/85	Härle			
	5 1 4 4 4 6 9	9/1/92	Brahms et al.			

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANS.? (YES/NO)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AMB	-	Digital Communication, 2 nd Edition, Edward A. Lee and David G. Messerschmitt, August 1993, pp. 558-560, 564-565, 568, 571, 604, 607-608
	-	"PCM Transmission in the Exchange Plant," M.R. Aaron, <i>The Bell System Technical Journal</i> , Vol. XLI, No. 1, January 1962, pp. 99-141
	-	"Digital Transmission in the Presence of Impulsive Noise," J.S. Engel, <i>The Bell System Technical Journal</i> , Vol. XLIV, No. 8, October 1965, pp. 1699-1743
	-	"A Bipolar Repeater for Pulse Code Modulation Signals," J.S. Mayo, <i>The Bell System Technical Journal</i> , Vol. XLI, No. 1, January 1962, pp. 25-97
	-	"Certain Topics in Telegraph Transmission Theory," H. Nyquist, <i>Transactions of the American Institute of Electrical Engineers</i> , Vol. 47, No. 2, April 1928, pp. 617-644
	-	"Bits And Pots Together," M. Graham, Electronics Research Laboratory, College of Engineering, University of California, Berkeley, CA 94720, Memorandum No. UCB/ERL M97/45, July 28, 1997, pp. 1-10

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Kevin M. Bond

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U. S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
HMB	4 3 8 7 2 9 4	6/7/83	Nakamura et al.			
	5 1 4 8 1 4 4	9/15/92	Sutterlin et al.			
	5 5 3 3 0 5 0	7/2/96	Isard et al.			
	5 5 6 8 5 1 7	10/22/96	Sogo et al.			
	5 5 9 4 3 4 4	1/14/97	Doyle et al.			
	5 6 2 7 4 8 2	5/6/97	Lamatsch			
	5 6 4 0 1 1 2	6/17/97	Goto et al.			
	5 6 9 6 7 9 0	12/9/97	Graham et al.			
	5 8 1 2 5 1 7	9/22/98	Graham et al.			

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